

MARWELTM Conveyors

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ROLLER
ACCUMULATING CHAIN
CONVEYORS

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Marwel design and manufacture Roller Accumulating Chain conveyors for a wide variety of product types. They all have the advantage of a rugged and reliable design.



Typical are those used for storing pallets and assembly jigs. The conveyors normally run and accumulate in one direction, however, if specified, they can accumulate in both directions.

The pallets can be made from steel, aluminum or plastic.

Marwel double roller accumulating chain conveyors work by carrying the pallet or jig directly on the accumulation rollers mounted inside the chain. This means that there is a very positive movement of the pallet or jig along the conveyor. If an obstruction such as a stop or the back of a stationary pallet in front is encountered, then the rollers roll on the underside of the pallet. When the obstruction is removed the pallet gradually accelerates back up to the full speed of the chains.



Stop zones can easily be incorporated by fitting of standard pneumatic stops where required. These stops can be supplied with hydraulic shock absorbers to smoothly stop the pallet and absorb impact forces.

The speed of the pallet relative to the chain can be increased over small distances. This is useful for opening gaps between previously accumulated pallets.



Rise and fall cross transfers, turntables, lift units, etc. are easily incorporated into the Marwel double roller accumulating chain conveyors.